

FIGURE 1

200↓

	Default Criteria <u>202</u>				
Pattern Labels <u>201</u>	Minimum No. of Readings	Below Normal %	Above Normal %	Below Normal Mean Cutpoint	Above Normal Mean Cutpoint
Normoglycemia					
1. Excellent Control	10	0	0	NA	NA
2. Optimal Control	14	≤10	≤15	NA	NA
3. Satisfactory Control	14	<20	≤15	NA	NA
Low					
4. Clinically Significant Hypoglycemia	14	≥20- <40	≤15	≤0.8x (lower bound of normoglycemia)	NA
5. Hypoglycemia (Not Clinically Significant)	14	≥20- <40	≤15	>0.8x (lower bound of normoglycemia)	NA
6. Frequent Clinically Significant Hypoglycemia	14	≥40	≤15	≤0.8x (lower bound of normoglycemia)	NA
7. Frequent Hypoglycemia	14	≥40	≤15	>0.8x (lower bound of normoglycemia)	NA
High					
8. Significant Hyperglycemia	14	≤10	≥15- <40	NA	≥1.8x (upper bound of normoglycemia)
9. Hyperglycemia	14	≤10	≥15- <40	NA	<1.8x (upper bound of normoglycemia)
10. Frequent Significant Hyperglycemia	14	≤10	≥40	NA	≥1.8x (upper bound of normoglycemia)
11. Frequent Hyperglycemia	14	≤10	≥40	NA	<1.8x (upper bound of normoglycemia)
Fluctuant					
12. Widely Fluctuant	14	≥20	≥30	NA	NA
13. Fluctuant	14	≥10	≥10	NA	NA
Other					
14. Insufficient Data	<14	≥0	≥0	NA	NA
15. No Available Data	0	NA	NA	NA	NA

FIGURE 2

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	Severity Suffix Criteria <u>302</u>	
Severity Suffix <u>300</u>	# of readings below low threshold	# of readings above high threshold
With isolated severe hypoglycemia	1 – 3	0
With severe hypoglycemia	>3	0
With isolated severe hyperglycemia	0	1 - 3
With severe hyperglycemia	0	>3
With isolated severe hyperglycemia and isolated severe hypoglycemia	1 – 3	1 - 3
With severe hyperglycemia and severe hypoglycemia	>3	>3

FIGURE 3

Pattern Label		Minor comment <u>400</u>	Criteria <u>402</u>
Normoglycemia			
Excellent Control	None		NA
Optimal Control	With notable hypoglycemia		Below normal mean <0.8x (lower bound of normal range)
	With several readings at the low end of normal		Within normal mean <1.2x (lower bound of normal range)
	With notable hyperglycemia		Above normal mean >1.8x (upper bound of normal range)
Satisfactory Control	With notable hypoglycemia		Below normal mean <0.8 (lower bound of normal range)
	With several readings at the low end of normal		Within normal mean <1.2 (lower bound of normal range)
	With notable hyperglycemia		Above normal mean >1.8x (upper bound of normal range)
Low			
Clinically Significant Hypoglycemia	With notable hyperglycemia		Above normal mean >1.8x (upper bound of normal range)
Hypoglycemia (Not Clinically Significant)	With notable hyperglycemia		Above normal mean >1.8x (upper bound of normal range)
Frequent Clinically Significant Hypoglycemia	With notable hyperglycemia		Above normal mean >1.8x (upper bound of normal range)
Frequent Hypoglycemia	With notable hyperglycemia		Above normal mean >1.8x (upper bound of normal range)
High			
Significant Hyperglycemia	With notable hypoglycemia		Below normal mean <0.8x (lower bound of normal range)
	With several readings at the low end of normal		Within normal mean <1.2x (lower bound of normal range)
Hyperglycemia	With notable hypoglycemia		Below normal mean <0.8x (lower bound of normal range)
	With several readings at the low end of normal		Within normal mean <1.2x (lower bound of normal range)
Frequent Significant Hyperglycemia	With notable hypoglycemia		Below normal mean <0.8x (lower bound of normal range)
	With several readings at the low end of normal		Within normal mean <1.2x (lower bound of normal range)
Frequent Hyperglycemia	With notable hypoglycemia		Below normal mean <0.8x (lower bound of normal range)
	With several readings at the low end of normal		Within normal mean <1.2x (lower bound of normal range)
Fluctuant			
Widely Fluctuant	With a range from (lowest mg/dl to highest mg/dl)		Added to all
Fluctuant	With a range from (lowest mg/dl to highest mg/dl)		Added to all
Other			
Insufficient Data	None		NA
No Available Data	None		NA

FIGURE 4

500



Assessment of Patient Jane Doe's glycemic control from 1/1 to 1/30:

506

Before Breakfast: Hypoglycemia, with isolated severe hypoglycemia

Before Lunch: Insufficient Data for complete analysis

510

Before Dinner: Frequent Severe Hyperglycemia, with isolated severe hyperglycemia

508

Before Bedtime: Insufficient data for complete analysis, with severe hypoglycemia

Source: 0% data self-reported; 100% data directly from meter

FIGURE 5

Diabetes Dashboard™

Report Date: 1/30/2001

Analysis Period : Jan 1 2001 - Jan 30 2001

Unit of Measure : mg/dl

Target Range : 71-150

Normal Range : 71-125 (BB), 71-150 (BL,BD,BED)

Data Source : 100% Direct Meter Upload

AGE: 58

HEIGHT: 5'11"

LDL: 146

BP: 126/68

GENDER: F

WEIGHT: 186

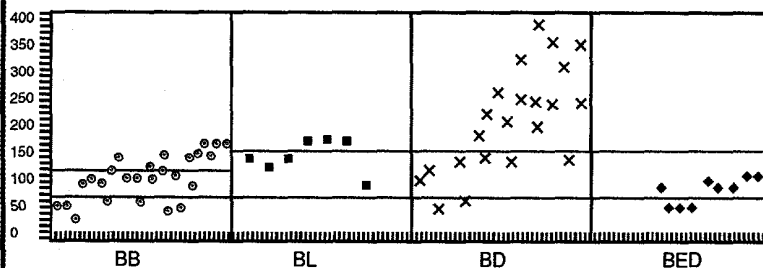
HDL: 29

TYPE: 1

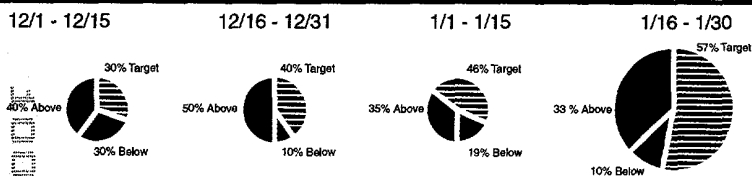
BMI: 26

TOTAL: 245

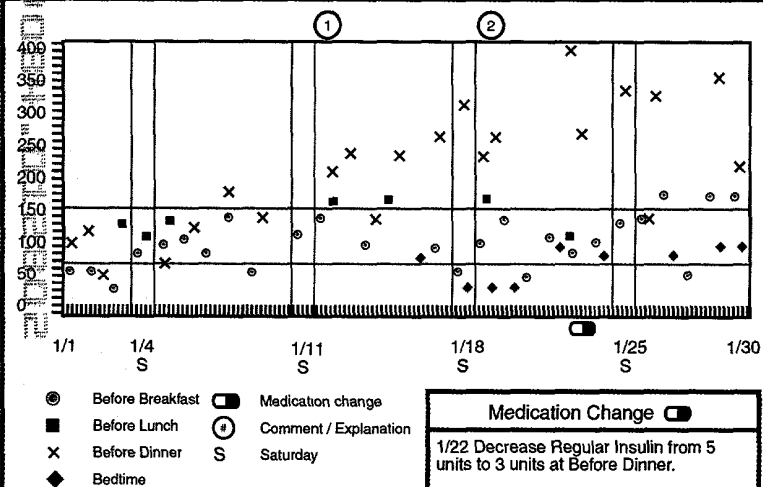
Pre - Meal Overview : Jan 1 - Jan 30



Overall Control : Dec 30 - Jan 30



30-Day Summary / Pre-Meal : Jan 1 - Jan 30



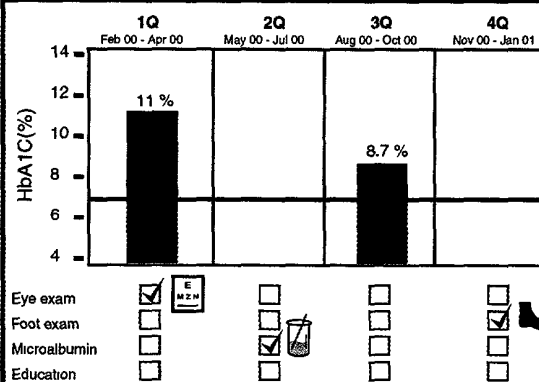
Complications and Risk Factors

<input checked="" type="checkbox"/> Smoker	<input checked="" type="checkbox"/> Retinopathy
<input checked="" type="checkbox"/> Hypertension	<input checked="" type="checkbox"/> Nephropathy
<input checked="" type="checkbox"/> Coronary Heart Disease	<input type="checkbox"/> Neuropathy

Associated Medications

Ace Inhibitor	Statin	Other
Monopril	Pravachol	Atenolol

Disease Management Plan



Assessment of Glycemic Control

Summary assessment of glycemic control from 1/1 to 1/30:

Before Breakfast: Hypoglycemia, with isolated severe hypoglycemia.

Before Lunch: Insufficient data for complete analysis

Before Dinner: Frequent Significant Hyperglycemia, with isolated severe hyperglycemia.

Before Bedtime: Insufficient data for complete analysis, with severe hypoglycemia.

Current Diabetes Medications

	Insulin	Oral
BB	50 N 20 R	Glucovance 2.5/500
BL		
BD	3 R	
BED		

For Office Use

Diabetes Dashboard™

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30-Day Overview Comments (Comments are linked to 30 - Day Overview on page 1)

#	Date	Comment
1	1/10	BD - Forgot to take insulin.
2	1/24	BED - Don't know why sugars were low.
#		
#		

Raw Data

702

	1:00 AM	2:00 AM	3:00 AM	4:00 AM	5:00 AM	6:00 AM	7:00 AM	8:00 AM	9:00 AM	10:00 AM	11:00 AM	NOON	1:00 PM	2:00 PM	3:00 PM	4:00 PM	5:00 PM	6:00 PM	7:00 PM	8:00 PM	9:00 PM	10:00 PM	11:00 PM	MIDNIGHT
1/1							55											110						
1/2							55				140						122							
1/3							39										55							
1/4							82				126													
1/5								100																
1/6							84											68						
1/7								68			141							133						
1/8							121																	
1/9								147										139						
1/10																		141						
1/11							102																	
1/12								104										238						
1/13											169						278							
1/14							67										136							
1/15																	220							
1/16																					85			
1/17							133										265							
1/18								100			68							333					40	
1/19								121									291					39		
1/20							149											263				40		
1/21								47			171													
1/22							110											410				100		
1/23							52										260							
1/24								147															85	
1/25								88									365							
1/26								149			82							148						
1/27								160										320					86	
1/28								147																
1/29							162										355					121		
1/30							160											245				122		

Legend

Time Categories

BB - Before Breakfast	AB - After Breakfast
BL - Before Lunch	AL - After Lunch
BD - Before Dinner	AD - After Dinner
BED - Bed Time	NGT - Night

FIGURE 7

Pattern Label Analysis Calculations For Each Time Category		Jane Doe Example (Before Dinner)
Number of readings in time category		22
% of readings within Normal Glycemic Range		27.3%
% of readings below Normal Glycemic Range		9.9%
% of readings above Normal Glycemic Range		63.6%
Mean of readings within the Normal Glycemic Range (mg/dl)		131.6
Mean of readings below the Normal Glycemic Range (mg/dl)		61.5
Mean of readings above the Normal Glycemic Range (mg/dl)		280.9
Severity Suffix Analysis Calculations for Each Time Category		
Number of readings below low threshold		0
Number of readings above high threshold		1

FIGURE 8